The New York Hospital – Cornell Medical Center

1997

A Pivotal Year

ANNUAL REPORT

Cover:

A New Road Taken: *Second-year medical student Frank Liu is on his way to observe the anesthesiologists in one of the new operating rooms of the Greenberg Pavilion (below), thanks to CUMC's new curriculum, which furnishes important clinical experiences for medical students on their way to becoming practicing physicians.*

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A Pivotal Year

1 9 9 7 . The opening of a new inpatient pavilion. A new strategic research plan. A new curriculum for medical students. A new partnership between two of the greatest academic medical centers in the world.

Any one of these would be an achievement in and of itself. Taken together, these extraordinary accomplishments catapult New York–Cornell to a level few health-care organizations could hope to achieve. A level at which physicians, nurses, and other health professionals will provide the best care modern society has to offer, at which researchers will seize the obscure and forever change scientific progress, and at which medical students will master the intricacies of scientific advances to become doctors of individual distinction.

A pivotal year, indeed.

From the outside, the new Maurice R. and Corinne P. Greenberg Pavilion is an architectural masterpiece. But once you have finished admiring the details of its structure, you will begin to appreciate the real core of its magnificence.

GREENBERG PAVILION

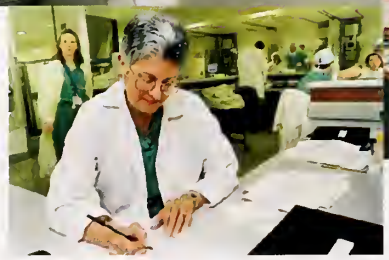
THE NEW YORK HOSPITAL–CORNELL MEDICAL CENTER

The Greenberg Pavilion has the technology to keep medical care current, the systems to ensure efficiency, the resources to support its work, and the health professionals who make it real. Here, people don't wait for the future of medicine, they invent it.

This tour is like no other. A walk through the Greenberg Pavilion may lead you to an open-heart surgery in which cardiac surgeons have eliminated the need for blood transfusions; or to America's busiest burn center, where a highly specialized team performs an exacting skin graft procedure; or to the ambulance bay of the emergency department, where fast-thinking and quick-acting paramedics are bringing in a stabilized accident victim.

Nearby, a visit to the pediatric emergency room finds a toddler undergoing preparation for an MRI exam. A few floors above, a newborn utters its first cry.

Every day, within this 850,000-square-foot, 776-bed hospital, babies are born, lives are saved, and miracles happen.



We're not waiting for the future of medicine, we're inventing it.

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1. In sickness and in health: *With gratitude for the skills of the Rogosin Kidney Center's physicians, Maria Oquendo and her husband, Jorge Lugo, recover together from simultaneous surgeries in which Maria donated a healthy kidney to replace her husband's diseased one.*

2. Logging on: *At the bedside of a patient in the Burn Unit, a nurse enters vital data into a computerized information system – the model of efficient communication that is accessible hospital-wide.*

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Efficient communications saves more than time – it saves lives.

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3. Student teaching: *Intern Joe Scandura confers with medical students following morning rounds on a patient unit.*

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4. A fighting chance: *In the Greenberg Pavilion's Neonatal Intensive Care Unit, critically ill infants receive all necessary medical and surgical support services, including advanced respiratory care, to give their frail lives a fighting chance.*

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5. A case in point: *Emergency physician Steven Kaplan, M.D., explains an ED procedure to a medical resident during morning rounds in the emergency department.*

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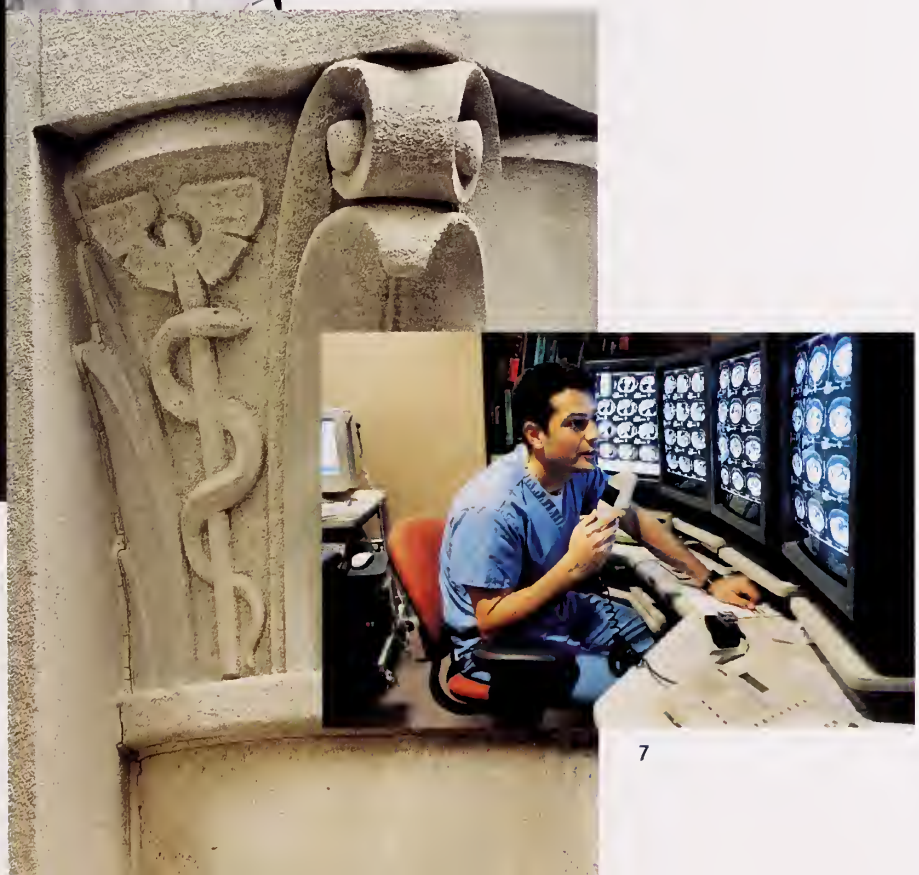
6. Lean on me: *In the Burn Center's Step Down Unit, young Catherine Fox finds peace on her father's shoulder; her father, in turn, can call on compassionate staff members for a shoulder to lean on.*



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7. Instant gratification: *Geoff Tashjian, M.D., a second-year radiology resident, is able to evaluate a patient's CT scan immediately with filmless technology that transfers high-quality, three-dimensional images from the CT equipment to monitors for reading results within minutes of the procedure.*

A matter of degree: *Frances Palmer, gowned to protect her son Joshua from infection, takes comfort in the knowledge that the Burn Center's specialists are equipped to handle the physical as well as the psychological damage burns can cause.*

The name of the game in burns is teamwork.

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1. Family matters: *The support of visiting friends and relatives is always appreciated.*

2. Heads up: *A quick update between colleagues.*

3. On cloud 9: *Pilot Richard DeLugo may be grounded while he recovers from kidney transplant surgery, but all that matters to him is that he and his sister, who donated her kidney, came through the surgery with flying colors.*

4. All the comforts of home and then some: *In the new birthing center rooms, parents like Claudia and Marc Borroyo enjoy beautifully decorated surroundings — but more importantly — expert nursing care, advanced monitoring systems, and operating rooms nearby, should they be necessary.*

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5. Always prepared: *Neal Flomenbaum, M.D., chief of emergency medicine, and his ED colleagues never know what type of injury or illness they will confront each day in this Level 1 Trauma Center and regional center for burn injuries. But with nearly 50,000 visits to attend to annually, they are always prepared — backed by staff trained in critical care and advanced life support, computers at every bedside, state-of-the-art cardiac monitoring systems, instantaneous access to radiology images, and direct elevator transport to the intensive care unit and operating rooms.*

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Applying our skills to saving a life – nothing makes us smile more.

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1. Undivided attention: *In an academic teaching hospital, patient rounds with attending physicians and medical residents are commonplace. All the better for patients, who benefit from the expertise of some of the best and brightest young doctors and their seasoned mentors.*

2. Handle with care: *Scrubbing for surgery is only one aspect of maintaining a sterile operating environment. In the 29 new ORs – 10 ambulatory and 19 inpatient – infection control measures are a top priority. Shaped like a rectangular racetrack, the inner core of the inpatient OR suite is designated for sterile supplies and can only be accessed by OR personnel.*

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3. Second opinion: *Our surgeons' expertise knows no bounds. Their opinions are sought after and highly respected throughout the country.*

4. Second to none: *Their innovations in coronary bypass surgery, neurosurgery, microsurgery, and other complex procedures are world-renowned. And to their patients, they are clearly second to none.*

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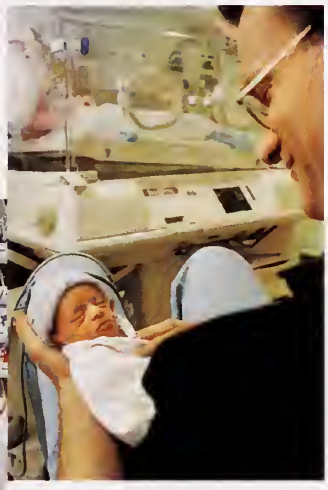

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5. Good things come in small packages: *As a twin, Brooke Moore may have been born smaller than other babies, but she'll catch up soon enough — given the attention paid by dad Kevin Moore and the 24-hour care provided in the Neonatal Intensive Care Unit.*

6. Medication management: *Imagine being responsible for more than 4.6 million prescriptions a year! With almost completely automated systems and pharmacy satellites on patient units, this enormous responsibility is made much easier, more efficient, and extremely reliable.*

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WEILL EDUC

Between classes, there is a flurry of activity in the halls of the Weill Education Center. Students grab a cup of coffee and a bagel in the Archbold Commons…rush to get a microscope from their lockers for the next lab course…gather in hushed groups to discuss a quiz just taken. These doctors-in-training are smart. They're ambitious. And they work very, very hard.

Many of these medical students expressed an interest in science as early as elementary school. A few switched to medicine from other careers. Still others are carrying on the traditions of their parents.

ATION CENTER

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The father of first-year student Michael Stern is a physician; second-year student Nadeige Genece's mother is a nurse.

Michael, Nadeige, and fellow CUMC students are pioneers for the Medical College's new curriculum introduced in 1996 to foster independent thinking and problem-solving skills, as well as incorporate clinical experiences early on in their training. Now in its second year, the curriculum is flourishing — challenging students to master basic science and clinical concepts simultaneously; inviting them to think differently and more critically about their course work; and enabling them to spend less time in formal classroom instruction and more time learning in small-group laboratory sessions, observing in doctors' offices, or studying independently.

1. Class participation: *Facing Page: In one of the Weill Education Center's 21 modular teaching laboratories, C. Richard Minick, M.D., professor of pathology, takes a group of 12 students through a discussion on breast tissue, using both modern and traditional technology.*

Inset: Domenick J. Falcone, Ph.D., associate professor of pathology, encourages a dialogue among students about material just covered in a lecture.

2. Study guide: *Following her morning classes, second-year medical student Nadeige Genece heads back to her room to prepare for Step 1 of the United States Medical Licensing Examination, which tests students on their knowledge of the basic sciences. Nadeige is a member of the Class of 2000 — a class to which 7,603 candidates applied and only 112 were chosen.*

"The new curriculum promotes a dynamic learning style," says Nadeige. "I am more attentive in the small-group setting, and more prepared. It's also refreshing to get a dose of reality through experiences with physician practices. It reminds me why I'm studying so hard."

"The new curriculum is a voyage of discovery for all of us," says Sharon K. Krackov, Ed.D., associate dean for curricular affairs. "It is a tremendous undertaking, and the students have been key to the process, trying out new methods and helping us to refine them."

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1. Thought processes: *Becoming a physician was never far from first-year medical student Michael Stern's thoughts while he pursued his passion for painting during the ten years between his college graduation and application to medical school.*

The curriculum's flexibility is proving ideal for Michael Stern who, at 34 years old, with two young children, and a previous career as an artist, could be considered an elder statesman of his medical class. Michael's decision to pursue medical school was not made lightly. "When I was in high school, a history of family illness both propelled me toward and took me away from an interest in pre-med," says Michael.

"The new curriculum is a voyage of discovery for all of us."

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2. Captive audience: *The entire first-year class assembles in the 114-seat auditorium of the Weill Education Center to hear Dr. Falcone deliver a lecture on the morphology of cell injury.*

3. Singular sensation: *A student waits for classmates to arrive for a morning lecture.*

"But I became engrossed in painting and went to New York City to make my living as an artist." Although Michael enjoyed success in the art world, he believed that medicine would offer him a much more satisfying career.

"At age 30, I thought it's now or never," recalled Michael, who spent the next two years taking special courses and applying to med schools that were more appealing to older students. Despite the sacrifices he and his family have made to accommodate a career change, Michael has no regrets. "It's an extraordinary opportunity. Medicine exposes you to the most incredible aspects of humanity."

By emphasizing the physician-patient relationship, the curriculum

enables students to obtain a real-world perspective on medicine which appeals to students and doctors alike. "Exposure to patients in physician offices provides a tremendous opportunity to reinforce concepts students are learning in the classroom," says Joseph Cervia, M.D., a preceptor for medical students. "It's on-your-feet learning that encourages their professional maturity."

Observing anesthesiologists in the operating rooms can also be part of the process. "My first time in the OR, I remember peering over the partition, seeing a heart beating, and thinking how much better it looked than in gross anatomy," said second-year student Karl Hartmann. "When I first started medical school, I thought I would go into general medicine. But there can be dramatic moments — like that first surgery — that influence this decision."

"Most undergraduate experiences consist of large classes and little interaction. We didn't want that to be the medical student's experience," says Daniel R. Alonso, M.D., senior associate dean, academic affairs. "If you feel you are a slave to a textbook, it's much harder to learn. We designed the curriculum to be interactive and to encourage students to learn on their own — a practice that will serve them well throughout their medical careers." ❖

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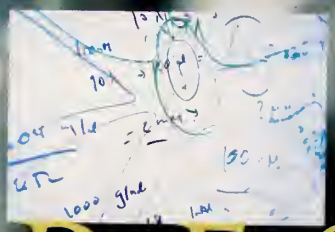
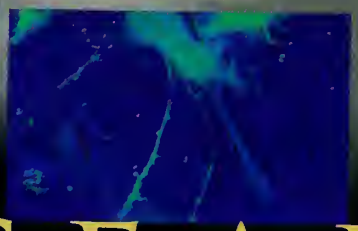
4. Two heads are better than one: *Students share a computer work-station as well as ideas during a small-group laboratory session.*

5. Rest stop: *The Archbold Commons provides a welcome respite for students and faculty before classes resume.*

6. A century old: *The Medical College celebrates its centennial in 1998.*

Brainstorming: *Rather than waiting for the technology to arrive, Dr. Ryan is helping to move it along by assembling a microscope to suit the imaging needs of his research in brain cell function.*





RESEARCH

Throughout the more than 300 laboratories tucked into the maze of hallways connecting New York Hospital to Cornell, researchers work tirelessly to provide a link between their work and care at the bedside. In some cases, the connection may be years away, but in others, a direct cause and effect is right around the corner.

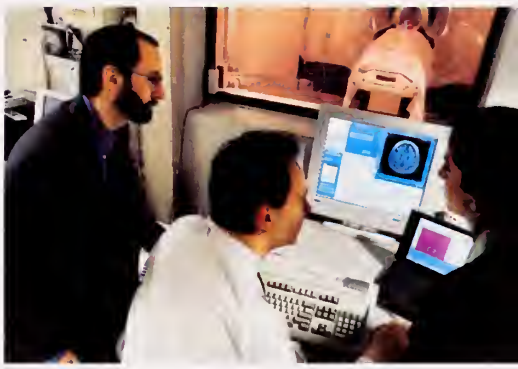
In one of Cornell's five new laboratories in structural biology, Timothy A. Ryan, Ph.D., assistant professor of biochemistry, spends his day deciphering how nerve cells in the brain talk to one another. In New York–Cornell's Functional Neuroimaging Research Laboratory, co-directors David A. Silbersweig, M.D., and Emily Stern, M.D., are conjuring up images of the mind and brain in action. Meanwhile, in the genetic medicine laboratories of director Ronald G. Crystal, M.D., researchers are finding ways to substitute good genes for bad ones.

The work of these scientists, and many more like them, is key to CUMC's new Strategic Research Plan, which is expanding the Medical College's biomedical research enterprise through the development of multidisciplinary programs in structural biology, neuroscience, and genetic medicine. "By concentrating our research endeavors on these three important, interrelated fields, we can advance our potential for groundbreaking discoveries," says Dean Antonio M. Gotto, Jr. "As new technology emerges, our scientists are quickly applying it to their work, invariably narrowing the gap between basic research and our ability to conquer disease."

"If we can find out how cellular communication works in the brain, then we can find out how to treat conditions, such as epilepsy, that result when the communications process breaks down," says Dr. Ryan.

Dr. Ryan uses fluorescence microscopy, which magnifies and marks living neurons, to study how nerve impulses pass from one neuron to another across synapses — the gaps between two nerve endings. "The brain is made up of cells that talk to each other. Whether or not they succeed depends on the synapse." Apparently some cells listen, some do not. With trillions of cells in the brain and a synapse equal to less than the width of a human hair, Dr. Ryan is putting his "wiretapping" skills to good use.

Drs. Silbersweig and Stern are more interested in the impact of brain activity on human behavior. Functional MRI technology is enabling them to detect changes in areas of the brain that relate to mental activities. "When structural MRI scanning was introduced years ago, it allowed exquisite views of anatomy," says Dr. Silbersweig, a psychiatrist and neurologist. "Now, increasingly sophisticated imaging techniques, including functional MRI and positron emission tomography (PET), are allowing us to look at function."



Second thoughts: *Using functional MRI, Drs. David Silbersweig (left) and Emily Stern (right) can look at the brain activity of individuals while they are having certain thoughts—normal or otherwise.*

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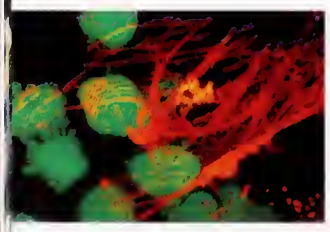

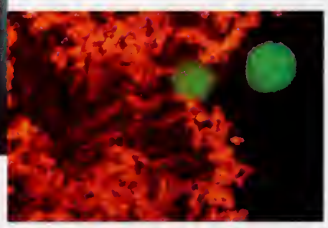

1. Designer genes: *Researchers are hard at work in Dr. Crystal's genetic medicine laboratories investigating new ways to treat or cure old diseases.*

2. A closer look: *Leona Cohen-Gould, director of the Electron Microscopy Core Facility, is able to view fine structures of cells that are not visible using a light microscope.*

Functional MRI — used to examine blood flow and oxygenation changes associated with nerve cell activity — is the most recent addition to CUMC's inventory of neuroimaging technology. "This is a rapidly developing and exciting new tool to look at the brain in living people to localize patterns of brain activity in health and disease," says Dr. Stern, a radiologist in the department of psychiatry.

Studies by Drs. Silbersweig and Stern have shown that severe psychiatric disorders, such as schizophrenia, are indeed biological disorders of the brain. Using the new imaging technology, they have succeeded, for example, in pinpointing the regions of the brain involved in hallucinations experienced by patients with schizophrenia.

Dr. Crystal and colleagues are traveling down a different highway. As researchers rush to complete a map of the human genome and identify upwards of 100,000 genes within a decade, they daily discover genes that play a role in illness. "Virtually all diseases to some degree are believed to have a genetic component," says Dr. Crystal. "We are taking this basic science knowledge and applying it to clinical problems, developing the field of genetic medicine to prevent or cure disease."

At Cornell, scientists and physicians are teaming up to develop gene therapy, a technique in which modified genes are introduced into existing cells to treat specific diseases.

Dr. Crystal has reason to be optimistic. Recently, he and cardiothoracic surgeon Todd Rosengart, M.D., used gene therapy for the first time to trigger new blood vessel formation (angiogenesis) in a patient with cardiac ischemia, or insufficient blood flow, to the heart muscle. A treatment that could one day replace heart bypass surgery or angioplasty, gene therapy offers new hope to the hundreds of thousands of individuals who suffer from coronary artery disease.

"Gene therapy for cardiac angiogenesis is analogous to 'blood vessels on demand,' " says Dr. Crystal. "By inserting this new gene into the heart, we are 'telling' the heart to detour around the obstructed arteries. This is what genetic medicine is all about: taking the information derived from knowledge of the human genome and using it to treat patients." ❖

"Gene therapy for cardiac angiogenesis is analogous to 'blood vessels on demand.' "

3. A Crystal ball: *A world leader in the field of genetic medicine, Dr. Ronald Crystal (center) works closely with Neil R. Hackett, Ph.D., who pursues strategies for introducing healthy genes into the body, and Shailen R. Patel, M.D., cardiothoracic surgeon, who is involved in developing gene therapy to treat heart disease.*

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Sanford I. Weill, David B. Skinner, M.D., Antonio M. Gotto, Jr., M.D., and John F. McGillicuddy

Leadership Report

A confluence of events in 1997 propelled The New York Hospital-Cornell Medical Center into a new generation of health care which will benefit not only its own network of institutions, but has implications for all those involved in patient care, medical education, and research nationwide.

The milestones reached in this pivotal year — the opening of the new Maurice R. and Corinne P. Greenberg Pavilion, the implementation of Cornell University Medical College's new curriculum, and the launching of a revitalized biomedical enterprise — culminated with the spectacular union of The New York Hospital and The Presbyterian Hospital.

While these landmark achievements merited headlines, both The New York Hospital and Cornell University Medical College realized many other accomplishments of note. Among them was good news on budgets, with the Hospital concluding its fiscal year with a net gain of $8 million on operations — exceeding its targeted goal, and the Medical College recording a $23-million revenue surplus.

On April 8th, we celebrated the opening of the new Greenberg Pavilion. In naming the new inpatient pavilion in honor of the Greenbergs, we acknowledge the masterful role played by Hank Greenberg, chairman emeritus of the board of governors, during one of the most financially challenging periods in our history. The Greenberg Pavilion represents the first significant replacement and upgrading of the Hospital since it moved to our East 68th Street location 65 years ago.

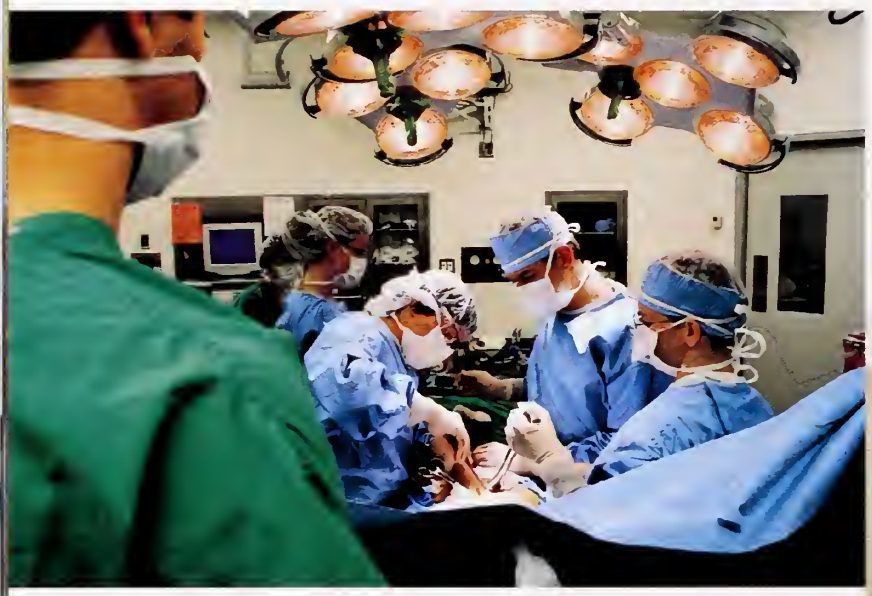
We now have turned our attention to enhancing clinical programs, renovating areas in the former inpatient buildings, creating new off-site clinical services, and developing other projects essential to the Hospital's mission of excellence in patient care.

Among these is a partnership between New York-Cornell and the Gay Men's Health Crisis — the first large-scale collaboration between a major academic medical center and a community-based AIDS service organization — to create a new HIV/AIDS primary care clinic in the Chelsea section of Manhattan. In collaboration with Hospital for Special Surgery, we have also opened a comprehensive sports medicine center at Chelsea Piers on the site of the 30-acre sports and entertainment complex. And elderly residents of Manhattan will be able to receive specialized medical care, rehabilitation therapy, and social services in one location with the opening of the Irving Wright Center on Aging.

As Cornell University Medical College celebrates its centennial, it also enters a new phase in its history, having completely redesigned its medical education curriculum, and embarked on a dramatic transformation of its research endeavors to create

an environment in which science can thrive. With a goal toward developing world-class, multidisciplinary programs in structural biology, genetic medicine, and neuroscience, the Medical College is diligently pursuing a $316-million Strategic Plan for Research which calls for the recruitment of 30 new research faculty members; a 26 percent expansion and 44 percent renovation of laboratory space; and the creation of 13 state-of-the-art core facilities to provide centralized support for our investigators.

Under the new Strategic Plan, research grants awarded to Cornell investigators are projected



to increase by nearly 20 percent. Long a leading research-oriented medical school in the United States, Cornell continues to receive funding from the National Institutes of Health and other sources at a rate that is highly competitive with other major medical schools. For the 1996-1997 fiscal year, the Medical College received $58.3 million in federally sponsored funding.

Among those faculty members receiving significant government support were Maria I. New, M.D., chairman of pediatrics, who received a $1.8-million National Institutes of Health (NIH) Merit Award for her work in childhood metabolism. Dr. New's grant is now the longest running NIH grant on record. The National Cancer Institute awarded a $2.3-million grant to Francis Barany, Ph.D., for his research project on new methods for cancer detection. David P. Hajjar, Ph.D., director of Cornell's Center of Vascular Biology, was awarded a highly competitive, multimillion-dollar SCOR (Specialized Center of Research) grant from the National Heart, Lung, and Blood Institute to support a major research effort in molecular medicine and atherosclerosis. The NIH also awarded a $1.3-million grant toward the establishment of a new gene therapy core facility.

In August 1997, CUMC welcomed 101 medical students to the Class of 2001 out of 7,134 who applied. There are 54 women in the class, 47 men, and 17 from underrepresented minority groups. These up-and-coming doctors possess outstanding academic qualifications. As first-year students, they participated in one of the Medical College's exciting new curriculum courses called "Medicine, Patients, and Society," which combines weekly lectures and seminars with time spent in the offices of physician-faculty members. The new curriculum — which has problem-based learning as its foundation — was developed to encourage students to take a more active role in the learning process.

Cornell University Graduate School of Medical Sciences (GSMS) enrolled 38 new students in 1997, bringing its total student body to 222. We were pleased that Dr. Hajjar, an accomplished scientist and administrator, assumed the position of dean of GSMS. At its May 1997 commencement ceremonies, the Graduate School awarded 36 Ph.D. degrees and eight Master of Science degrees, including four to the first graduates of the school's program in clinical epidemiology and health services research.

New York-Cornell is extremely fortunate to have invaluable board leadership and exceptional finan-

cial support from the philanthropic community. Thanks to the generosity of individuals, corporations, and foundations, we were able to achieve the monumental goal of completing the equity funding for the Greenberg Pavilion, and launch the new $100-million phase of the Hospital campaign which will bring our programs and equipment up to the highest level.

Nearly $20 million was raised in 1997 toward the fundraising goal set for the Medical College's Strategic Research Plan. Generous gifts have already been received to establish the gene therapy core facility; to support structural biology projects and functional neuroimaging equipment; and to create scholarship endowment and professorships.

Our landmark year climaxed on December 31, when The New York Hospital and The Presbyterian Hospital completed the merger creating The New York and Presbyterian Hospital. Only a year earlier had the formal transition process towards merger begun. The historic event, which marks the first full-asset merger of two world-class academic hospitals, enables us to improve the quality of health care we can deliver to our patients, enhance the availability of our clinical services to an expanded patient population, and lower the cost of these services through improved efficiencies. Our two boards have now merged into one, and the medical staffs of each campus now have a common medical board.

The epic changes that occurred in 1997 and the foundation they have set for our future are a magnificent tribute to all our Hospital governors, Medical College overseers, volunteers, employees, and many, many friends who have participated so generously and so tirelessly for so long. 1998 is proving equally promising as the momentum continued with an unprecedented $100-million gift to Cornell University from long-time benefactors Joan and Sanford I. Weill. We are delighted to announce that CUMC will begin its historic second century with a new name — the Joan and Sanford I. Weill Medical College and Graduate School of Medical Sciences of Cornell University.

We offer our profound appreciation to all who have made this a momentous period in our history and look forward to you joining us as CUMC celebrates its hundredth anniversary and The New York and Presbyterian Hospital completes its first. ❖

John F. McGillicuddy

Chairman
Board of Governors
The Society of the New York Hospital

Sanford I. Weill

Chairman
Board of Overseers
Cornell University Medical College

Antonio M. Gotto, Jr., M.D.

The Stephen and
Suzanne Weiss Dean
Cornell University Medical College

David B. Skinner, M.D.

President and
Chief Executive Officer
The New York Hospital

Capital Campaign Report

Nineteen ninety-seven was an historic year for New York-Cornell, and fundraising was no exception. More than $120 million was raised from private donors, surpassing the previous record of $104 million in 1994.

Completion of the equity funding for the Hospital's new Maurice R. and Corinne P. Greenberg Pavilion for inpatients during the summer was made possible with over $207 million raised through the capital campaign towards the total equity funding achievement of $360 million. A $15-million challenge grant made in early 1997 by Governors David H. Koch, Ronald P. Stanton, and David W. Wallace prompted a $5-million pledge in response from the Fisher Brothers Foundation and an additional $18 million committed from other donors by the end of June.

The Hospital is now re-examining its campaign priorities in the post-merger environment. Needs for the 68th Street campus center on renovation projects in the older hospital buildings, such as the expansion of the cardiac catheterization laboratories, renovation of the IVF clinic, and other projects, as well as creation of new off-site clinics such as the Irving Wright Center on Aging and the Chelsea AIDS Care Center.

Cornell University Medical College advanced toward its campaign goals with the formal approval during the summer of a $316-million Strategic Plan designed to upgrade and expand the biomedical research enterprise. Nearly half, or $154 million, of the total cost of the Strategic Plan must come from private gifts raised through the capital campaign. By year end, some $20 million had been counted against this goal. The Strategic Plan aims to recruit new research faculty, build new laboratory space and renovate existing space, create "core facilities" to support research, and expand housing and the endowment. A centerpiece of this plan is the conversion of the Hospital's Whitney Pavilion into state-of-the-art laboratory facilities for newly recruited researchers.

A number of major gifts were received towards the Strategic Plan for Research in 1997. A gift of $4 million was pledged by the Belfer family to name the Arthur and Rochelle Belfer Gene Therapy Core Facility and endow a professorship. Overseer Barbara Friedman and her husband, Stephen, pledged $1 million each to CUMC and Sloan-Kettering Institute to establish endowed fellowships for students in the Tri-Institutional M.D.-Ph.D. Program. A long-time foundation supporter committed $750,000 to the Gene Therapy Core Facility.

In 1997, two new endowed professorships were created, bringing the total established through this capital campaign to 12. In addition to the Belfer professorship, which was established in Genetic Medicine, Mr. and Mrs. David Wallace funded the O. Wayne Isom, M.D., Professorship through the Robert R. Young Foundation.

The Medical Center's Faculty Campaign, under the leadership of Drs. Jerome DeCosse, Lorraine Gudas, and Wayne Isom, continues to strive for

New CUMC biochemistry laboratories, supported in part by the capital campaign.

its goal of 100 percent participation. Through December 1997, over $1.4 million was raised from over 60 percent of the faculty.

The year concluded with new leadership for the Cornell portion of the capital campaign. Kevin Brine and Stephen Weiss, the new chairman and vice chairman, respectively, succeeded Hamish Maxwell, who had ably headed the Medical College's campaign for the past two years. Mr. Brine will join David H. Koch, who represents The New York and Presbyterian Hospital, as co-chair of the Medical Center's Joint Campaign Committee.

The year ahead will build upon the campaign's success and momentum in 1997 as we look to the Medical College's one hundredth year and The New York and Presbyterian's first.

Through the campaign, we aim to attain the resources to secure the future of this institution that has such an illustrious past. ❖

A tree planting on October 23 honors the late Dr. George Papanicolaou, former CUMC faculty member who pioneered the "Pap test" for cancer detection. The tree was imported from the Greek island of Kos, home of Hippocrates, the father of medicine. Funds are being raised for an endowed scholarship in memory of Dr. Papanicolaou.

Development Report

The Medical Center's record-breaking year would not have been possible without the many generous donors who contributed over $120 million in 1997 and the numerous active volunteers who granted their time, energy, and resources to our cause.

The *New Horizons for Medicine* capital campaign continued to make progress toward its goal of $600 million. Through December 1997, the campaign had raised over $585 million for all purposes, including $63 million in 1997 for campaign priorities.

Many important patient care, educational, and research projects that do not fall under the umbrella of the capital campaign, but are critical to the Medical Center's mission, received vital support in 1997. Of particular note was a $5-million pledge to the Department of Rehabilitation Medicine from a long-time benefactor. Other programs that benefited from significant support ranged from the Program for Children with AIDS, to the Dance Therapy Program at the Westchester Division, to numerous biomedical research projects at the Medical College. One donor contributed funds to provide stethoscopes for all nurses on the Cardiac Care Unit.

1

2

1. *Herbert Slotnick (right), a Foremost Benefactor of Cornell, with University President Hunter R. Rawlings III at a dinner on November 5 at the Medical College to celebrate Foremost Benefactors.*

2. *At the Cabaret gala on April 2, CUMC Board Chairman Sanford I. Weill, with Hospital President and Mrs. David B. Skinner, and Cabaret Co-chair Mrs. B. Gerald Cantor. Guests gather for cocktails in the fourth-floor atrium of the Greenberg Pavilion.*

Dean Antonio M. Gotto, Jr., inaugurated the Dean's Circle during Fall 1997 to recognize leadership support from CUMC alumni. Nine alumni founding members have pledged at least $25,000 each to support the highest priorities of the Medical College.

As always, a number of successful special events took place in 1997. The annual *Cabaret!* gala, co-chaired in 1997 by Mrs. B. Gerald Cantor and Roger Weiss, took place on April 2 in the new Maurice R. and Corinne P. Greenberg Pavilion, bringing in nearly $2 million. Two events benefited the Department of Pediatrics: *Light Up A Life* at FAO Schwarz and the *Holiday Brunch with Bugs Bunny* at the Warner Bros. Studio store. *Fête de Famille XII* on September 29 raised funds for the AIDS Care Center, which also received proceeds from the sale of dresses of the late Diana, Princess of Wales.

In November, a dinner to honor Medical College "Foremost Benefactors" was held for individuals who have given extraordinary support to Cornell University, including its Medical College.

Once again, Cornell University Medical College and The New York and Presbyterian Hospital thank all our donors for making this record year possible. ❖

Sue B. Dorn

Sue B. Dorn
Vice President and Vice Provost for Development

Facts and Financials 1997

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Important Telephone Numbers *(Inside Back Cover)*

Statistical Summary

SERVICES TO PATIENTS	1997
Laboratory	3,407,046
Blood Bank	408,552
Radioisotopes Services	8,469
X-ray Procedures	165,985
Operations	21,848
Deliveries	4,607
Electrocardiograms	60,711
Electroencephalograms	3,509
Social Services Interviews	411,792
Therapy Treatments (Physical, Occupational, Recreational)	273,819
Transfusions	21,712
Pharmacy Prescriptions	4,599,832
Record Room — New Case Records	53,318
Average Number of Full-Time Employees	6,154

DISTRIBUTION OF BEDS	1997
Private	
Medical/Surgical	202
Obstetrics and Gynecology	22
Pediatrics	9
Total Private	**233**
Semi-Private	
Medical/Surgical	354
Neonatal	50
Obstetrics and Gynecology	46
Pediatrics	41
Total Semi-Private	**491**
Subtotal Manhattan Division	**724**
Newborn Bassinets	40
Payne Whitney Clinic	60
Total Manhattan Division	**824**
The Westchester Division	252
Grand Total	**1,076**

PATIENT CARE	1997
Patients Admitted Manhattan Division (including neonatal admissions)	29,466
Newborn	4,411
Payne Whitney Psychiatric Clinic	1,085
The Westchester Division	3,483
Total	**38,445**
Patient Days, All Divisions (including newborn)	332,342
Visits to Day Hospital	35,895
Visits to Outpatient Clinics	287,266
Visits to Emergency Pavilion	48,024

EDUCATIONAL PROGRAM — 1997-1998

Medical Students	416
Graduate Students	222
M.D.-Ph.D. Students (medical and graduate enrollments)	85
Degrees Conferred (1997-98 academic year)	140
M.D.	100
Ph.D.	32
M.S.	8
Faculty (including all affiliates — 1997-98 academic year)	3,013
Full-Time	1,368
Part-Time	89
Voluntary	1,267
Other (adjunct, visiting, emeritus, etc.)	289
Clinical Fellows	122
House Staff (NYH-CMC only)	556
Health-Related Students:	
Dental Student Externs	4
Dietetic Interns	23
Emergency Medical Technicians	35
Medical Social Workers	19
Physician Assistants	57
Samuel J. Wood Library/C.V. Starr Biomedical Information Center (1996-97 academic year)	
Visits	426,993
Journals (titles)	1,559
Total Volumes	171,518
New Books Received	1,828

PROFILE OF ENTERING MEDICAL STUDENTS — *September 1997*

(101 enrolled out of applicant pool of 7,134)

Men	47
Women	54
Minorities	17
New York State Residents	46
College Majors	Science (70%) Non-Science (30%)
Science Grade Point Average	3.63
Average MCAT Score	10.8
Average Age	23.6
Age Range	20-37
Universities With Five or More Graduates Admitted	
Brown	5
Cornell	15
Harvard	10
Yale	6
Students Enrolled in Tri-Institutional M.D.-Ph.D. Program	8

RESEARCH — *July 1, 1996 - June 30, 1997*

Federally Sponsored Research (including fellowship and research training) — Total Expenditures	$58,337,661
Privately Sponsored Research — Total Expenditures	$23,651,483
Research Projects Funded — New and Renewals	417

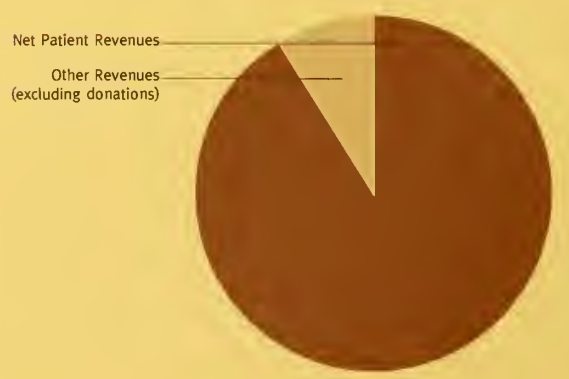
Financial Summary

THE SOCIETY OF THE NEW YORK HOSPITAL *January 1 - December 31, 1997*

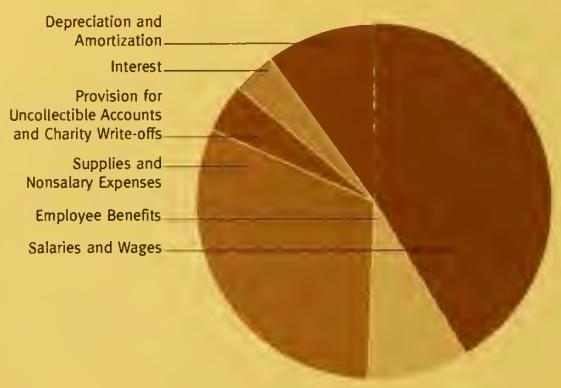
REVENUES	$ MILLIONS	%
Net Patient Revenues	659.3	91.3
Other Revenues (excluding donations)	62.7	8.7
Total Revenues	$ 722.0	100.0%

EXPENSES	$ MILLIONS	%
Salaries and Wages	298.8	41.9
Employee Benefits	66.6	9.3
Supplies and Nonsalary Expenses	220.1	30.8
Provision for Uncollectible Accounts and Charity Write-offs	31.8	4.5
Interest	27.2	3.8
Depreciation and Amortization	69.5	9.7
Total Expenses	$ 714.0	100.0%
Gain from Operations	$ 8.0	

Revenues as a Percentage of Total Patient Care and Other Revenues



Expenses as a Percentage of Total Expenses



CORNELL UNIVERSITY MEDICAL COLLEGE

July 1, 1996 - June 30, 1997

REVENUES	$ MILLIONS	%
Tuition and Fees	13.5	3.2
Government Grants and Contracts	42.5	10.0
Private Gifts and Grants	43.4	10.2
Physician Organization	211.2	49.8
Indirect Cost Reimbursements	31.1	7.4
Reimbursement for Teaching and Supervision	41.3	9.7
Investment Income	16.1	3.8
Enterprise Operations	5.5	1.3
Other Revenues	19.5	4.6
Total Revenues	$424.1	100.0%

EXPENSES	$ MILLIONS	%
Instruction	24.1	6.0
Research	63.8	15.9
Physician Organization	206.1	51.3
Libraries and Academic Support	6.8	1.7
Student Services and Financial Aid	11.1	2.8
Administrative Support	19.1	4.8
Plant Operations	18.2	4.5
Debt Service	4.0	1.0
Services Provided to New York Hospital	38.0	9.5
Enterprise Operations	4.4	1.1
Other Expenses and Transfers	5.6	1.4
Total Expenses	$401.2	100.0%
Net Change in Fund Balances	$ 22.9	

Revenues as a Percentage of Total College Revenues

Expenses as a Percentage of Total College Expenses

Governance

The New York Hospital-Cornell Medical Center is an alliance between The New York Hospital and Cornell University Medical College — two institutions committed to the three-fold mission of excellence in patient care, research, and education. The New York Hospital, founded in 1771 by a Royal Charter granted by King George III of England, and Cornell University Medical College, founded in 1898, entered into a formal affiliation in 1927 culminating with the opening, in 1932, of a unified campus on the Upper East Side of Manhattan. While occupying a single location, both institutions are controlled by separate governing boards. Listed below are governance for the Medical Center, Medical College, Graduate School of Medical Sciences, The New York Hospital, and The New York and Presbyterian Healthcare Network, as well as advisory and support groups.

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The New York Hospital Auxiliary was founded in 1912 to aid the Department of Social Services of The New York Hospital. Today, the Auxiliary's more than 100 members continue to raise funds to support the many programs benefiting the Hospital and its patients. These include:

- Educational material for the Teenage Pregnancy Program (TAPP)
- Publication of a pocket guide to the new Greenberg Pavilion
- Ongoing art program for senior citizens sponsored by HealthOutreach
- Refurbishing of the waiting room in the Volunteer Department

The Auxiliary continued to sponsor an ongoing lecture series in 1997, hosting presentations on the merger of The New York and Presbyterian Hospital, an ethical analysis of cloning, the benefits of the new emergency room facilities, and the neurology of the female mind. Other activities focused on the promotion of the *Melting Pot Cookbook*, authored and prepared by HealthOutreach members and Auxiliary volunteers, and the redesign and marketing plans for the Babies Alumni Program.

VOLUNTEERS

Camille Tumolo
Director of Volunteer Services
Heather Johnson
Assistant Director

Volunteers dedicated to The New York Hospital provide an extra pair of hands and a willing heart that can truly make a difference to the patients, their families, and the staff. In 1997, there were 1,161 volunteers who gave 85,535 hours in 160 departments or programs throughout the Medical Center. Among those honored for their service in 1997 were:

25 Years
Phyllis Cohen
Mary O'Brien

20 Years
Brett Winston

15 Years
Josephine Pecorino

10 Years
Lillian Adami
Ann Hadley
Steven Harden
Rose Mary Murtagh
Alice Perlman
Margaret Torter
Florence Tritt
Helen Yellin

5 Years
Mary Cabibbo
Eric Castro
Irene Cerra
Seena Dundes
Sandra Freeman
Annmarie Giacopelli
Alina Hacco-Rutstein
Gudrun Heidenreich
Harvey Hoffer
Deborah Houston
Myrna LaFleur
Domenica Maccarone
Dorothy Meyer
Mary Murphy
Louis Perego
Ann Robinson
Vergie Savage
Ruth Scheuer
Mary Szabo
Marilyn Tunick
Betty Weems

10,000 Hours
Rosita Maldonado

4,000 Hours
Alice Heyman
Nancy Streeter

3,000 Hours
Barbara Booth
Virginia Boskey
Marie Louise Marsigli
Ernest Still

2,000 Hours
Edythe Charnas
Marcella Goldsmith
Lydia Gustin
Ann Hadley
Emma Pollard
Helen Schaeffer
Margaret Torter

1,000 Hours
Eugenia Ballesteros
Merilee Bezdan
Eric Castro
Diosma Detwiler
Deborah Houston
Myoko Iijima
Anna Khazanova
Ira Pickman
Stacy Raider
Virginia Rillo
Adam Title

THE NEW YORK AND PRESBYTERIAN HEALTHCARE NETWORK

The New York and Presbyterian Healthcare Network is a not-for-profit integrated delivery system. The Network comprises 27 hospitals, three specialty institutes, six skilled nursing facilities, 11 home-health-care agencies, and 78 ambulatory-care centers dispersed throughout the New York metropolitan area. Each of the Network institutions is an affiliate of Cornell University Medical College or Columbia University College of Physicians and Surgeons, and The New York and Presbyterian Hospital serves as the tertiary hub of the Network. There are over 12,000 physicians affiliated with Network institutions. In fulfilling its mission, the Network focuses on integrating clinical and academic programs to assure consistent service excellence across all care delivery sites; improving business operations; and securing managed-care business. The New York and Presbyterian Health Plan, Inc., functions as the managed-care arm of the Network by marketing the Network and procuring managed-care contracts. The policies and activities of the Network are guided by a board which includes chairpersons of the board of trustees, chief executive officers, and medical staff representatives of each member institution. Listed below are Network governance and members.

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Cornell University Medical College

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Senior Associate Dean of the Faculty of Medicine
Columbia University College of Physicians and Surgeons

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Gracie Square Hospital
Helen Hayes Hospital
Holy Name Hospital
Horton Medical Center
Hospital for Special Surgery
International Center for the Disabled
Lawrence Hospital*
New Milford Hospital
New York Methodist Hospital
Nyack Hospital
Silvercrest Extended Care Facility
St. Barnabas Hospital
St. Lukes's Hospital (Newburgh)
St. Mary's Hospital for Children*
Stamford Hospital
The Brooklyn Hospital Center
The Cornwall Hospital
The New York Community Hospital of Brooklyn
The New York Flushing Hospital Medical Center
The New York and Presbyterian Hospital — Westchester Division
The Allen Pavilion
The New York Hospital Medical Center of Queens
The Rogosin Institute
The Valley Hospital
United Hospital Medical Center
University Group Medical Associates
Westchester Square Medical Center
White Plains Hospital Center*
Wyckoff Heights Medical Center

* membership pending

The New York Hospital Professional Staff

The New York Hospital-Cornell Medical Center represents an affiliation of The New York Hospital and Cornell University Medical College. Physicians at the Medical Center have appointments in both institutions. Most of the Chiefs of Service at The New York Hospital serve as chairmen of corresponding clinical departments of Cornell University Medical College. Physicians at the Hospital have faculty appointments in the Medical College. For the sake of simplicity, however, the Medical Center's clinical faculty are listed here by their hospital titles only and not by their academic titles. The Medical Center also has basic science departments. Since the work of these departments consists almost entirely of teaching and research, many basic science faculty do not have hospital appointments. They are, therefore, listed by academic title under the Cornell University Medical College faculty listing beginning on page 45. In addition to the institutions listed as members of The New York and Presbyterian Healthcare Network on page 33, the Medical Center has affiliations with Cayuga Medical Center (Ithaca), Jamaica Hospital, LaGuardia Hospital, Memorial Sloan-Kettering Cancer Center, Strang Cancer Prevention Center, The Rockefeller University, and the Will Rogers Institute. Because of space limitations, professional staff at these institutions who do not have New York Hospital appointments are not listed in the following pages.

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Fun-Sun Yao, M.D.

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Folarin D. Tuboku-Metzger, M.D.
Steven Tuzinkiewicz, M.D.
James P. Valin, M.D.
Steven H. Van Dam, M.D.
Jonathan W. Weinsaft, M.D.
David M. Weinstock, M.D.
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NEUROLOGY

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Attending Neurologists
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Fletcher H. McDowell, M.D.
Gavril W Pasternak, M.D., Ph.D.
Frank A. Petito, M.D.
Jerome B. Posner, M.D.
Leonard S Schleifer M.D., Ph.D.
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Associate Attending Neurologists
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Denise Barbut, M.B.B.S.
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Mark S. Horwich, M.D.
Gerald H. Klingon, M.D.
Douglas R. Labar, M.D., Ph.D.
David E. Levy, M.D.
Mark Malkin, M.D.
Norman R. Relkin, M.D., Ph.D.
Michael Rubin, M.D.
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Nancy M. Nealon, M.D.
A. Maurine Packard, M.D.
Samuel Rapoport, M.D.
Jeffrey B. Reich, M.D.
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David H. Snyder, M.D.
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Erik F. Perkins, M.D.
Adrienne Riethmuller, M.D.
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OBSTETRICS AND GYNECOLOGY

Obstetrician- and Gynecologist-in-Chief and Chairman
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Myron I. Buchman, M.D.
Thomas A. Caputo, M.D.

Frank A. Chervenak, M.D.
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Frederick W. Martens, M.D.
Zev Rosenwaks, M.D.
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E. Thomas Steadman, M.D.

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Margaret J. Graf, M.D.
Alan A. Kessler, M.D.
Gideon G. Panter, M.D.
William K. Rashbaum, M.D.
Desider J. Rothe, M.D.
Fouad Sunr, M.D.
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J. Milton Hutson, M.D.
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David F. James, M.D.
Radoslav Jovanovic, M.D.
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Garrick H. Leonard, M.D.
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Alan Morris, M.D.
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E. Scott Sills, M.D.
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Susan M. Pacana, M.D.
Monica Prasad, M.D.
Geeta Sharma, M.D.
Stacy Joanne Spiro, M.D.
Jean M. Tornatore, M.D.
Rachel Villanueva, M.D.
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OPHTHALMOLOGY

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Philip H. Zweifach, M.D.

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David R. Guyer, M.D.
Gregory K. Harmon, M.D.
Laurence S. Harris, M.D.
Murk-Hein Heinemann, M.D.
David B. Karlin, M.D.
Richard S. Muchnick, M.D.
Peter M. Odell, M.D.
James S. Schutz, M.D.
Michael B. Starr, M.D.

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Mariel Brittis, M.D.
Scott E. Brodie, M.D.
Kathryn Phyllis Childs, M.D.
Kip W. Dolphin, M.D.
Martin Ehrenberg, M.D.
Henry A. Futterman, M.D.
Yaffa Kahanowicz, M.D.
Irene Magramm, M.D.
Patricia A. McLaughlin, M.D.
Lois M. McNally, M.D.
Norman B. Medow, M.D.
Alexander Movshovich, M.D., Ph.D.
Jacqueline W. Muller, M.D.
David B. Pearce, M.D.
Thomas A. Poole, M.D.
Leila Rafla-Demetrious, M.D.
Firas M. Rahhal, M.D.
Daniel F. Rosberger, M.D., Ph.D.
Olivia N. Serdarevic, M.D.
Jesse Sigelman, M.D.
Kathleen S. Stern, M.D.
Glenn L. Stoller, M.D.
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Michael J. Hall, M.D.
Harry Marshak, M.D.
David J. Najafi, M.D.
Hanna S. Rodriguez Coleman, M.D.

OTORHINOLARYNGOLOGY

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Simon C. Parisier, M.D.

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Norman J. Pastorek, M.D.
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Robert F. Ward, M.D.

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Jerry Huo, M.D.
Milton Ingerman, M.D.
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Inocencio C. Kho, M.D.
Norris K. Lee, M.D.
Mark J. Levenson, M.D.
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Bernard L. Pacella Jr., M.D.
David A. Seidman, M.D.
Raymond L. Soletic, M.D.

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PATHOLOGY

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Daniel M. Knowles, M.D.

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Daniel R. Alonso, M.D.
Peter G. Bullough, M.D.
M. Desmond Burke, M.D.
N. Scott McNutt, M.D.
C. Richard Minick, M.D.
Janet A. Mouradian, M.D.
Juan Rosai, M.D.
Carl F. W. Wolf, M.D.

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M. Lita Alonso, M.D.
Rebecca N. Baergen, M.D.
Amy Chadburn, M.D.
Yao-Tseng Chen, M.D., Ph.D.
Steven M. Erde, Ph.D., M.D.
Thomas A. Godwin, M.D.
June H. Koizumi, M.D.
Margret L. S. Magid, M.D.
William A. Muller, M.D., Ph.D.
Madeline F. Vazquez, M.D.

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Ethel Cesarman, M.D., Ph.D.
Marilda H. Chung, M.D.
Mark A. Edgar, M.D.
Kenneth Emancipator, M.D.
Winston G. Harrison, M.D.
Syed A. F. Hoda, M.D.
Christina Isacson, M.D.
Kathleen A. Leonard, M.D.
Philip G. Prioleau, M.D.
Jon A. Reed, M.D.
Helen E. Remotti, M.D.
Rana Shafiq-Hoda, M.D.
Robert A. Soslow, M.D.
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Maxwell A. Fung, M.D.
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Assistant Pathologists
Venus J. Azar, M.D.
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Qing Chen, M.D., Ph.D.
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Jessica L. Jacobson, M.D.
Beatrice S. Knudsen, M.D., Ph.D.
Brett Peter Lauring, Ph.D., M.D.
Zhi-Wei Ma, M.D., Ph.D.
Charles Gerard Petersen, M.D.
Manju Lata Prasad, M.D.
Anjali Saqi, M.D.
Peter U-Fu Shen, M.D.
Sandra J. Shin, M.D.
Diane Tam, M.D.
Wayne Tam, Ph.D., M.D.
Polly Yin, M.D.

Interns in Pathology
April E. Chiu, M.D.
Mark A. Misener, M.D.

PEDIATRICS

Pediatrician-in-Chief and Chairman
Maria I. New, M.D.

Leave of Absence
Ann Di Maio, M.D.

Attending Pediatricians
Peter A. M. Auld, M.D.
Abe M. Chutorian, M.D.
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Margaret W. Hilgartner, M.D.
Arthur A. Klein, M.D.
Alfred N. Krauss, M.D.
Thomas J. A. Lehman, M.D.
Florence N. Marshall, M.D.
Rebecca F. Notterman, M.D.
Richard J. O'Reilly, M.D.
Irwin Rappaport, M.D.
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Peter G. Steinherz, M.D.

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Jessica G. Davis, M.D.
Alan P. DeMayo, M.D.
Paul J. Edelson, M.D.
Alvin N. Eden, M.D.
Murray Engel, M.D.
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John J. Ferry Jr., M.D.
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Patricia-Jane Giardina, M.D.
Fred Gilbert, M.D.
Bruce M. Greenwald, M.D.
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Valerie L. Johnson, M.D., Ph.D.
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Paul A. Meyers, M.D.
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Gary J. Noel, M.D.
Daniel A. Notterman, M.D.
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Ingrid K. Rosner, M.D.
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Myles S. Schiller, M.D.
William T. Seed, M.D.
Charles A. Sklar, M.D.
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Ilya Bialik, M.D.
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Patrick A. Flynn, M.D.
Maura D. Frank, M.D.
Lorna Friedman, M.D.
Barbara B. Galantowicz, M.D.
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Helene Pavlov, M.D.
John Martin Pile-Spellman, M.D.
Ruth Rosenblatt, M.D.
Thomas A. Sos, M.D.
Patricia Winchester, M.D.
Robert D. Zimmerman, M.D.

Associate Attending Radiologists
Barbara Lucile Binkert, M.D.
Sheila D. Davis, M.D.
Bernard Ghelman, M.D.
Linda A. Heier, M.D.
James R. Hurley, M.D.
John A. Markisz, M.D.
William A. Rubenstein, M.D.
Robert Schneider, M.D.
George Stassa, M.D.
David F. Yankelevitz, M.D.

Assistant Attending Radiologists
Steven A. Albert, M.D.
Bruce G. Campbell, M.D., Ph.D.
Bruce C. Cohen, M.D.
Joseph P. Comunale Jr., M.D.

Andrea Maile Fisher, M.D.
Carlos G. Forcade, M.D.
Catherine Streeto Giess, M.D.
Alison Bender Haimes, M.D.
Claire E. Hanley, M.D.
Paul Himelfarb, M.D.
Marcy B. Jagust, M.D.
Richard J. Katz, M.D.
Delia M. Keating, M.D.
Risa H. Kent, M.D.
Neil M. Khilnani, M.D.
George Krol, M.D.
Howard Malcolm Lee, M.D.
Eric Lis, M.D.
Rene Paul Manzo, M.D.
Jolinda Mester, M.D.
Peter Kim Nelson, M.D.
Yin Yuen Ng, M.B.B.S.
Bernard B. O'Malley, M.D.
Hollis G. Potter, M.D.
Elizabeth Ramirez de Arellano, M.D.
Paula Montgomery Rothaus, M.D.
Morton Schneider, M.D.
Michael J. Schnur, M.D.
Craig H. Sherman, M.D.
Susan Teeger, M.B.B.Ch.
David W. Trost, M.D.
Neda Yagan, M.D.

Attending Physicists (Nuclear Medicine)
Rodney E. Bigler, Ph.D.
Pat Zanzonico, Ph.D.

Professional Associate (Physics)
Stephen Balter, Ph.D.

Radiation Oncologist-in-Chief
Dattatreyudu Nori, M.D.

Attending Radiation Oncologist
Lourdes Nisce, M.D.

Associate Attending Radiation Oncologist
Mary Katherine A. Hayes, M.D.

Assistant Attending Radiation Oncologists
Pablo G. Lavagnini, M.D.
Jea Youl Lee, M.D.
Suhrid Kanubhai Parikh, M.B.B.S.
Jaime E. Tome, M.D.
Chester Wilson Jr., M.D.

Graduate Staff

Clinical Fellows
Kazi S. M. Ali, M.B.B.S.
Robert Matthew Allbright, M.D.
Ellen A. Redstone Angyal, M.D.
Sasan Azar, M.D.
Jack E. Burson, M.D.
Ugur Camli, M.D.
Mark J. Decker, M.D.
Adie Friedman, M.D.
Surekha Dileep Khedekar, M.D.
Rita M. Kikkawa, M.D.
Douglas N. Mintz, M.D.
Aria M. Parker, M.B.B.S.
Dorith Shaham, M.D.
Srinath Sundararaman, M.D.
Alan Howard Tafler, M.D.

Assistant Radiologists (Nuclear Medicine)
Barry J. Perlman, M.D.
Josephine N. Rini, M.D.

Assistant Radiologists (Radiation Oncology)
Timothy H. Chen, M.D.
Peter J. Dempsey, D.O.
Suresh Dutta, M.D.
Bruce E. Ellerin, Ph.D., M.D.
Bihai Peng, M.D.
Boris Spektor, M.D., Ph.D.

Assistant Radiologists
Maria-Candida P. Albano, M.D.
Joseph C. Antonio, M.D.
Stephan D. Auerbach, M.D.
Dawn E. Baker, M.D.
Nanette Bracero, M.D.
Jordan J. Ditchek, M.D.
Michele B. Drotman, M.D.
Gavin L. Duke, M.B.Ch.B.
Timothy L. Feng, M.D.
Francis T. Flaherty, M.D.
Eric J. Gandras, M.D.
Stewart T. Hou, M.D.
Irina Iordanescu, M.D.
Jennifer B. Kaplan, M.D.
Lori H. Kelly, M.D.
Janet B. Kim, M.D.
Doris D. M. Lin, M.D., Ph.D.
Grace P. Malantic-Lu, M.D.
Anthony G. Notino, M.D.
Lynne P. Pinkney, M.D.
Joan C. Prowda, M.D.
Robert J. Rabiea, M.D.
Guy William Ross, M.B.Ch.B.
Michelle P. Sama, M.D.
Ami A. Shah, M.D.
Maria C. Davila Shiau, M.D.
Jennifer H. Smolkin, M.D.
Geoffrey S. Tashjian, M.D.
Ross L. Titton, M.D.
Steven L. Topham, M.D.
Nancy D. Urban, M.D.
Lawrence S. Yu, M.D.

REHABILITATION MEDICINE

Physiatrist-in-Chief
Willibald Nagler, M.D.

Leave of Absence
Irene von Estorff, M.D.

Attending Physiatrist
Jeffrey L. Cole, M.D.

Associate Attending Physiatrists
Mindy L. Aisen, M.D.
Elisabeth A. Lachmann, M.D.

Assistant Attending Physiatrists
Mark P. B. Bodack, M.D.
Harris S. Hausen, M.D.
Sheryl R. Levin, M.D.
Gregory E. Lutz, M.D.
Steven G. Marini, M.D.
Karen M. Pechman, M.D.
Richard Tunkel, M.D.
Vijay B. Vad, M.D.

Clinical Affiliates
Patrick M. Corcoran, M.D.
Paul Jendrek, M.D.
Hilary B. Kern, M.D.
Isabella Maria Rampello, M.D.
Raymond D. Reiter, M.D.
Barry C. Root, M.D.
Deborah Saint-Phard, M.D.
Robert A. Schulman, M.D.
Alexander C. Simotas, M.D.
Peter H. Stern, M.D.

Professional Associates
Wendy W. Avery-Smith
John S. Ferrari
H. Richard Lehneis, Ph.D.
Gerald A. Weber, D.P.M.

Graduate Staff

Assistant Physiatrists
Stephen Glenn Andrus, M.D.
Marietta Babayev, M.D.
Andrew B. Berlowe, M.D.
Joseph C. Cole, M.D.
Joseph F. Condon, M.D.
Stephen G. Geiger, M.D.
Nicole B. Golding, M.D.
Mahender R. Goriganti, M.D.
Su Liu, M.D., Ph.D.
Kathleen K. Mandy, M.D.
Robert P. Pannullo, M.D.
Maria V. Pirraglia, M.D.
Akifa Samdani, M.D.
Nasar Mahmood Shahid, M.D.
Sang Hun Song, M.D.
Jidong Sun, M.D.

SURGERY

Surgeon-in-Chief and Chairman
John M. Daly, M.D.

GENERAL SURGERY

Attending Surgeons
Roy H. Ashikari, M.D.
Murray F. Brennan, M.D.
Jhoong S. Cheigh, M.D.
Jerome J. DeCosse, M.D., Ph.D.
Charles K. McSherry, M.D.
Michael P. Osborne, M.D.
Walter F. Pizzi, M.D.
S. Frank Redo, M.D.
Robert R. Riggio, M.D.
Albert L. Rubin, M.D.
Kurt H. Stenzel, M.D.
William T. Stubenbord, M.D.
George E. Wantz, M.D.
John C. Whitsell II, M.D.
Roger W. Yurt, M.D.

Associate Attending Surgeons
Anthony C. Antonacci, M.D.
Philip S. Barie, M.D.
Harry L. Bush Jr., M.D.
Armand F. Cortese, M.D.
Gary A. Fantini, M.D.
Peter M. Guida, M.D.
Paul H. Halebian, M.D.
Alexander E. Kuehl, M.D.
Michael P. LaQuaglia, M.D.
Vincent F. Marzulli, M.D.
Kevin P. Morrissey, M.D.
Stuart D. Saal, M.D.
Michael F. Silane, M.D.
Barry H. Smith, M.D., Ph.D.
Nitsana A. Spigland, M.D.
John F. Sullivan, M.D.
John C. L. Wang, M.D., Ph.D.

Assistant Attending Surgeons
John M. Aronian III, M.D.
Fadi F. Attiyeh, M.D.
Monica M. Bertagnolli, M.D.
Anthony C. Cahan, M.D.
James L. Clarke, M.D.
William T. Curry, M.D.
Thomas J. Fahey III, M.D.
Eva Fischer, M.D.
Yuman Fong, M.D.
James P. Gaston, M.D.
Mark S. Gordon, M.D.
Paul B. Haser, M.D.
Harvey N. Himel, M.D., M.P.H.
K. Craig Kent, M.D.
Milan Kinkhabwala, M.D.
Michael D. Lieberman, M.D.
Faith A. Menken, M.D.
Anthony C. Mustalish, M.D.
Eugene J. Nowak, M.D.
Herbert C. Rader, M.D.
Nicholas C. Saenz, M.D.
Angeleke Saridakis, M.D.
Rache M. Simmons, M.D.
Harry Statman, M.D.
Alexander J. Swistel, M.D.

Clinical Affiliate
David A. Mayer, M.D.

Professional Associate
Norman S. Schumann, D.P.M.

Physician's Assistants
Ellen D. Matteson
Laurie J. Yin

Surgeon's Assistants
Donna M. Hamilton
Geoffrey O'Sullivan

Graduate Staff

Clinical Fellows
Richard D. Glick, M.D.
John A. Goncalves Jr., M.D.
Stephen R. Grobmyer, M.D.
Mary Alice Maluccio, M.D.
Alain Polynice, M.D.

Surgeons
Andy C. Chiou, M.D., M.P.H.
Nizar Habal, M.D.
Robert E. Helm, M.D.
Amy D. Lu, M.D.
Brian J. Reagan, M.D.
Scott F. Rosen, M.D.
Josephine Y. Tsai, M.D.

Assistant Surgeons
Rashid M. Ahmad, M.D.
Dan J. Boffa, M.D.
Susan K. Boolbol, M.D.
Duc T. Bui, M.D.
Tracy R. Calvo, M.D.
Caleb K. Charny, M.D.
David Y. T. Chen, M.D.
Henry E. Childers IV, M.D.
David B. Cohen, M.D.
Jonathan A. Coleman, M.D.
Michelle E. Connolly, M.D.
Rajeev Dayal, M.D.
Timothy D. Farley, M.D.
Erika G. Gantt, M.D.
Nicholas D. Garcia, M.D.
Glenn A. Gmyrek, M.D.
Evelyn M. Gonzalez, M.D.
Todd M. Guyette, M.D.
Adam H. Hamawy, M.D.
Michael J. Hyman, M.D.
Michael S. Kent, M.D.
Nissim Khabie, M.D.
Swati Kulkarni, M.D.
Clara N. Lee, M.D.
Jonathan E. Lim, M.D.
Otway Louie, M.D.
Charles A. Mack, M.D.
Vivian E. Mack, M.D.
David W. Mathes, M.D.
Martin D. McCarter, M.D.
Julie A. Miller, M.D.
Hassan A. Naama, M.B.B.Ch., B.A.O.
Evan P. Nadler, M.D.
Matthew M. Roberts, M.D.
Arash Salemi, M.D.
Jason M. Sample, M.D.
William Samson, M.D.
David I. Sandberg, M.D.
Nina N. Shaikh, M.D.
Stephen F. Stanziale, M.D.
Edwin P. Su, M.D.
Michael S. Suzman, M.D.
Jennifer A. Tash, M.D.
George J. Tsioulias, M.D.
Konstantin Walmsley, M.D.
Michael J. Weyant, M.D.
Andrew A. Willis, M.D.
Brad A. Zwahlen, M.D.

DENTISTRY, ORAL AND MAXILLOFACIAL SURGERY

Attending Oral Surgeon-in-Charge
David A. Behrman, D.M.D.

Attending Dentists
Jason C. Lee, D.D.S.
John J. Putnam, D.D.S.

Attending Oral and Maxillofacial Surgeon
Stanley J. Behrman, D.M.D.

Associate Attending Dentist (Oral Pathology)
Paul D. Freedman, D.D.S.

Associate Attending Dentist (Orthodontist)
Marc S. Lemchen, D.M.D.

Associate Attending Dentist (Periodontist)
Joseph E. Rowan, D.D.S.

Assistant Attending Oral and Maxillofacial Surgeons
Steven M. Baum, D.D.S.
Robert D. Carpenter, D.M.D.
Gregory C. Chotkowski, D.M.D.
Thomas M. Darrigan, D.D.S.
Arthur C. Elias, D.M.D.
Michael R. Glogoff, D.M.D.
Richard G. Gray, D.M.D.
Jerry L. Halpern, D.D.S.
Andrew J. Hauser, D.D.S.
Claudia B. Kaplan, D.D.S.
Frederick M. Lifshey, D.D.S.
E. Joseph Marged, D.D.S.
Jonathan T. Perry, D.D.S.
Peter H. Pruden, D.D.S.
Steven J. Tunick, D.M.D.

Assistant Attending Dentist (Endodontist)
Andrew Seth Melinger, D.M.D.

Assistant Attending Dentist (Oral Pathology)
Gwen Cohen Brown, D.D.S.

Assistant Attending Dentists (Orthodontist)
Brendan J. Boylan, D.D.S.
Brendan M. Cooney, D.D.S.

Assistant Attending Dentists (Pedodontist)
Louis M. Cooper, D.D.S.
Mark S. Hochberg, D.M.D.
David J. Levine, D.D.S.
Martha B. Miqueo, D.D.S.
Jack L. Mitchell, D.D.S.

Assistant Attending Dentists (Periodontist)
Philip D. Pack, D.M.D.
George W. Sferra Jr., D.D.S.

Assistant Attending Dentists (Prosthodontist)
Jennifer J. Burrell, D.D.S.
James H. Doundoulakis, D.M.D.
Charles A. Lennon, D.M.D.

Assistant Attending Dentists
Stephen E. DeMyer, D.D.S.
Richard F. Giannandrea, D.D.S.
Peter W. Jankowski, D.D.S.
Robert Karsten, D.D.S.
Guy N. Minoli, D.D.S.
Steven Saltzman, D.D.S.
Robert M. Sorin, D.M.D.
Steven B. Syrop, D.D.S.
Michael J. Vassallo, D.D.S.

Graduate Staff

Clinical Fellow (Dentistry)
Kristin M. Manitzas, D.D.S.

Oral and Maxillofacial Surgeon
Peter A. Albanese Jr., D.M.D.

Assistant Oral and Maxillofacial Surgeons
Glen E. Jones, D.M.D.
Christopher J. Larmour, D.M.D.

Intern in Oral and Maxillofacial Surgery
Ziad E. Batrouni, D.D.S.

Interns — General Practice Residency Program
Stacey S. Goldstein, D.M.D.
William A. Strauss, D.D.S.

NEUROSURGERY

Acting Attending Surgeon-in-Charge
Richard A. R. Fraser, M.D.

Honorary Staff
Howard S. Dunbar, M.D.

Attending Surgeons
Philip H. Gutin, M.D.

Associate Attending Surgeons
Francis W. Gamache Jr., M.D.
Jamshid B. G. Ghajar, M.D.
Michael H. Lavyne, M.D.
Robert B. Snow, M.D.

Assistant Attending Surgeons
Dong Hyung Kim, M.D.
Mark M. Souweidane, M.D.

Graduate Staff

Assistant Surgeons
Cameron W. Brennan, M.D.
Matthew J. Budway, M.D.
Stefano Camici, M.D.
Christopher G. Gaposchkin, M.D., Ph.D.
Michael G. Kaplitt, M.D., Ph.D.
Peter M. Li, M.D.
Andreas M. Miller, M.D.
Steven F. Will, M.D.
Martin Zonenshayn, M.D.

ORTHOPEDICS

Surgeon-in-Chief Hospital For Special Surgery
Russell F. Warren, M.D.

Attending Surgeons
Edward V. Craig, M.D.
Allan E. Inglis, M.D.
Richard S. Laskin, M.D.
Chitranjan S. Ranawat, M.D.
Leon Root, M.D.
Eduardo A. Salvati, M.D.
Thomas P. Sculco, M.D.
Andrew J. Weiland, M.D.
Philip D. Wilson Jr., M.D.

Associate Attending Surgeons
Oheneba Boachie-Adjei, M.D.
Walther H. O. Bohne, M.D.
Stephen William Burke, M.D.
Charles N. Cornell, M.D.
John H. Healey, M.D.
David L. Helfet, M.B.B.Ch.
John P. Lyden, M.D.
Ralph C. Marcove, M.D.
Richard McCormack Jr., M.D.
Stephen J. O'Brien, M.D.
Paul M. Pellicci, M.D.
Thomas L. Wickiewicz, M.D.
Russell E. Windsor, M.D.

Assistant Attending Surgeons
Michael M. Alexiades, M.D.
Answorth A. Allen, M.D.
Stephen C. Allen, M.D.
Scott W. Alpert, M.D.
David W. Altchek, M.D.
Abraham T. Appleton, M.D.
Edward A. Athanasian, M.D.
Mathias P. G. Bostrom, M.D.
Robert L. Buly, M.D.
Frank P. Cammisa Jr., M.D.
Jonathan T. Deland, M.D.
David M. Dines, M.D.
Mark P. Figgie, M.D.
Michelle Gerwin, M.D.
Steven B. Haas, M.D.
Jo A. Hannafin, M.D., Ph.D.
Robert N. Hotchkiss, M.D.
Joseph M. Lane, M.D.
Michael J. Maynard, M.D.
Bryan James Nestor, M.D.
Martin J. O'Malley, M.D.
Douglas E. Padgett, M.D.
George A. Paletta Jr., M.D.
Bernard A. Rawlins, M.D.
Scott Alan Rodeo, M.D.
Howard A. Rose, M.D.
S. Robert Rozbruch, M.D.
Kostas P. Velis, M.D.
Geoffrey H. Westrich, M.D.
Roger F. Widmann, M.D.

Graduate Staff

Surgeons
James E. Bates, M.D.
Pedro K. Beredjiklian, M.D.
Kevin F. Bonner, M.D.
Lloyd C. Briggs Jr., M.D.
Haber C. Crockett, M.D.
Sripad H. Dhawlikar, M.D.
Christopher W. DiGiovanni, M.D.
Michael J. Diminick, M.D.
Robert P. Dunbar, Jr., M.D.
Douglas B. Freedberg, M.D.
Federico P. Girardi, M.D.
Clemente Ibarra, M.D.
Paul K. Kosmatka, M.D.
Kimberly K. Mezera, M.D.
Charles L. Nelson, M.D.
Hugh M. O'Flynn, M.D.
Alexandra E. Page, M.D.
Luis Pio Sanchez-Caso, M.D.
Karen E. Schneider, M.D.
Robert Bruce Simpson Jr., M.D.
Daniel J. Stechschulte Jr., M.D., Ph.D.
William O. Thompson, M.D.
Thana Turajane, M.D.
Barry J. Waldman, M.D.
Riley Joseph Williams III, M.D.
John M. Wright, M.D.

Assistant Surgeons
Hyun W. Bae, M.D.
Struan H. Coleman, M.D., Ph.D.
Gregory S. DiFelice, M.D.
Jeffrey R. Dugas, M.D.
William J. J. Ertl, M.D.
Deborah A. Faryniarz, M.D.
Stephen Fealy, M.D.
Christian I. Fras, M.D.
Chisa Hidaka, M.D.
Jon L. Hyman, M.D.
David C. Johnson, M.D.
Timothy S. Johnson, M.D.
Bryan T. Kelly, M.D.
Jason L. Koh, M.D.
Matthew J. Meunier, M.D.
Peter J. Millett, M.D.
Charles Cole Nofsinger, M.D.
William J. O'Connor, M.D.
Lance E. Peters, M.D.
Amar S. Ranawat, M.D.
John J. Savarese III, M.D.
Adam B. Shafritz, M.D.
Gary S. Shapiro, M.D.
Sabrina M. Strickland, M.D.
Scott J. Tarantino, M.D.
Eric T. Tolo, M.D.
Kurt V. Voellmicke, M.D.

PLASTIC SURGERY

Attending Surgeon-in-Charge
Lloyd Hoffman, M.D.

Attending Surgeons
Randolph H. Guthrie Jr., M.D.
James W. Smith, M.D.
Andrew J. Weiland, M.D.

Associate Attending Surgeons
David A. Hidalgo, M.D.
Gregory S. La Trenta, M.D.

Assistant Attending Surgeons
Harry R. Arlis, M.D.
Gary S. Bromley, M.D.
Robert L. Cucin Jr., M.D.
Joseph Feinberg, M.D.
Kenneth R. Francis, M.D.
Lloyd B. Gayle, M.D.
Robert T. Grant, M.D.
Gerald Imber, M.D.
Martin E. Kessler, M.D.
Edmund Kwan, M.D.
William B. Nolan III, M.D.
Edward W. Powers III, M.D.
Philip G. Prioleau, M.D.
Lawrence S. Reed, M.D.
Kenneth O. Rothaus, M.D.
Robert G. Schwager, M.D.
John E. Sherman, M.D.
B. Donald Sklansky, M.D.
Henry M. Spinelli, M.D.

Graduate Staff

Surgeon
Stephanie M. Cohen, M.D.

Assistant Surgeons
Norma Bacilious, M.D.
Michael L. Cooper, M.D.
Brian N. Evans, M.D.
Robert Christopher Silich, M.D.

TRANSPLANTATION MEDICINE AND EXTRACORPOREAL THERAPY

Transplantation Medicine Physician-in-Chief
Manikkam Suthanthiran, M.D.

Attending Physicians
Jhoong S. Cheigh, M.D.
Robert R. Riggio, M.D.
Albert L. Rubin, M.D.
Kurt H. Stenzel, M.D.
William T. Stubenbord, M.D.

Associate Attending Physicians
Phyllis August, M.D.
Bruce R. Gordon, M.D.
Valerie L. Johnson, M.D., Ph.D.
Stuart D. Saal, M.D.
John F. Sullivan, M.D.
John C. L. Wang, M.D., Ph.D.

Assistant Attending Physicians
Roxana M. Bologa, M.D.
Jean-Francois Eid, M.D.
Lisa Cooper Hudgins, M.D.
Yveline Danielle Jean-Claude, M.D.
Milan Kinkhabwala, M.D.
Brian Michel, M.D.

Eduardo M. Perelstein, M.D.
David Serur, M.D.
Jeffrey I. Silberzweig, M.D.

UROLOGY

Urologist-in-Chief and Chairman
E. Darracott Vaughan Jr., M.D.

Attending Urologists
Jerry G. Blaivas, M.D.
William R. Fair, M.D.
Marc Goldstein, M.D.
Moneer K. Hanna, M.D.
Stanley J. Kogan, M.D.
Selwyn B. Levitt, M.D.
John H. McGovern, M.D.
Edward C. Muecke, M.D.
Robert S. Waldbaum, M.D.
John J. Williams, M.D.

Associate Attending Urologists
Neil H. Bander, M.D.
Richard H. Bard, M.D.
John W. Coleman, M.D.
John A. Fracchia, M.D.
Harry W. Herr, M.D.
David T. Mininberg, M.D.
W. Reid Pitts Jr., M.D.
Jon M. Reckler, M.D.
Peter N. Schlegel, M.D.
R. Ernest Sosa, M.D.

Assistant Attending Urologists
Martin M. Alexander, M.D.
Carlos Arango, M.D.
Noel A. Armenakas, M.D.
John C. Byrne, M.D.
David C. Chaikin, M.D.
Jean-Francois Eid, M.D.
Stephen Fortunoff, M.D.
Israel Franco, M.D.
Suzanne L. Frye, M.D.
Bruce R. Gilbert, M.D.
Sarah K. Girardi, M.D.
Jeffrey Glasser, M.D.
Michael M. Gross, M.D.
Frederick A. Gulmi, M.D.
Zafar Khan, M.D.
Albert N. Kim, M.D.
Howard N. Kivell, M.D.
Marcus H. H. Loo, M.D.
Franklin C. Lowe, M.D.
Isaac Madeb, M.D.
James P. McCarron Jr., M.D.
Thomas P. McGovern, M.D.
Piero O. Niceta, M.D.
Carl M. Pellman, M.D.
Aaron P. Perlmutter, M.D., Ph.D.
Dix P. Poppas, M.D.
Ben I. Preminger, M.D.
Edward F. Reda, M.D.
Majer Rosenfeld, M.D.
Jeffrey J. Sandhaus, M.D.
Saeid Shamsian, M.D.
Menachem M. Shemtov, M.D.
Vincent J. Tumminello, M.D.
Michael H. Wechsler, M.D.
Jeffrey Paul Weiss, M.D.
Gilbert J. Wise, M.D.
Morey Wosnitzer, M.D.
George P. H. Young, M.D.

Surgeon's Assistant
Mary L. Lombardi

Graduate Staff

Clinical Fellows
Stewart W. McCallum, M.D.
David A. Schulsinger, M.D.

Urologists
Francis Y. Kim, M.D.
Laurence T. O'Connor Jr., M.D.
Perry M. Sutaria, M.D.

Assistant Urologists
Benjamin B. Choi, M.D.
Kambiz Dardashti, M.D.
Matthew L. Lemer, M.D.
Michael Ostad, M.D.
Christian P. Pavlovich, M.D.
G. Bino Rucker, M.D.
Douglas S. Scherr, M.D.
Li-Ming Su, M.D.
Daniel Yao, M.D.

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Clinical Laboratories
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M. Desmond Burke, M.D.

Blood Bank and Transfusion Service
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Assistant Director
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Kenneth Emancipator, M.D.

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Immunopathology
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Amy Chadburn, M.D.

Surgical Pathology
Acting Director
Janet A. Mouradian, M.D.

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Cardiac Catheterization, Adult
Timothy A. Sanborn, M.D.

Cardiac Catheterization, Pediatrics
Myles S. Schiller, M.D.

Cardiac Electrophysiology
Bruce B. Lerman, M.D.

Cardiac Graphics, Adult
Paul D. Kligfield, M.D.

Cardiac Graphics, Pediatrics
Deborah M. Friedman, M.D.

Echocardiography
Richard Devereux, M.D.

Electroencephalography
Gail E. Solomon, M.D.

Electromyography
Michael Rubin, M.D.

Neurophysiology
Jonathan Victor, M.D., Ph.D.

Nuclear Medicine
Stanley J. Goldsmith, M.D.

Pulmonary Function
Abraham Sanders, M.D.

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Karol Wollenburg, R.Ph.

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Director, Clinical Nursing Programs
Cynthia Godfrey, M.S., R.N.

Director, Administrative and Ambulatory Nursing Programs
Elizabeth McCormick, M.S., R.N.

Directors

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Janet McBride, M.A., R.N.

Perioperative Nursing
Elyce Milgazo, M.P.A., R.N.

Psychiatric Nursing
Jeanne Delaney, M.A., R.N.

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Sue Nolan, M.B.A., R.N.

Critical Care Nursing
Marissa Pica, M.S., R.N. *(d)*
(January through June 1997)

Maria Christina Dolce, M.A., R.N.
(as of November 1997)

Emergency Department
Mary Anne Loftus, M.S., R.N.

Nursing Education
Dianne Ryan, M.A., R.N.
Linda Saal, M.A., R.N.

Nursing Information Services
Diane Johnson, M.S., R.N.

Medical/Surgical Nursing
Patricia Prufeta, M.S., R.N.

Psychiatric Nursing Westchester Division
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Nursing Quality Improvement
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Women and Children's Health Nursing
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CUMC and GSMS Faculty

All members of The New York Hospital attending staff also hold faculty appointments at Cornell University Medical College (CUMC). Listed below in rank order are *CUMC additional faculty* in the clinical departments at The New York Hospital-Cornell Medical Center who hold only Medical College appointments, followed by the faculty in the basic science departments. Included here are faculty on all five appointment tracks: tenure, academic-clinical, clinical, research, and voluntary. These lists include full-time and part-time faculty, including those who have adjunct, visiting, and courtesy appointments. Some faculty have appointments in more than one department; in most cases, faculty members' names appear only in the departments where they have their primary appointments. Medical College emeritus faculty members are listed immediately below. Asterisks indicate CUMC faculty who also hold appointments with the Graduate School of Medical Sciences (GSMS). Additional GSMS faculty are listed at the end of this section on page 47.

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Stuart Asch, M.D.
William Barnes, M.D.
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Charles Bauer, M.D.
Alexander Bearn, M.D.
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Takeo Iwamoto, M.D.
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Henn Kutt, M.D.
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Irving Mauss, M.D.
Wallace McCrory, M.D.
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Theodore Miller, M.D. (d)
Ursula Muller-Eberhard, M.D.
Lois M. Murphy, M.D.
Laird W.P. Myers, M.D.
William O'Leary, Ph.D.
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Nathan Poker, M.D.
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Dieter Sussdorf, Ph.D.
Bjorn Thorbjarnarson, M.D.
Marjorie Topkins, M.D.
Alice Ullman, M.S.
Thornton Vandersall, M.D.
James Wall, M.D. (d)
Clinton Weiman, M.D.
Robert Wieche, M.D. (d)

(d) deceased

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Jean W. Pape, M.D.
Steven G. Reed, Ph.D.
Heonir Rocha, M.D.
Herman Rosen, M.D.
Hirsch S. Ruchlin, Ph.D.*
Joel M. Schwartz, M.D.
Jean E. Sealey, D.Sc.*
Kendall A. Smith, M.D.*
Alexander Tomasz, Ph.D.
Stanley Ulick, M.D.
Marc E. Weksler, M.D.*

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Sharon Krackov, Ed.D
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Carlo Russo, M.D.*
Shigeru Sassa, Ph.D.
Melissa P. Schori, M.D.
Joseph S. Schwartz, Ph.D.
Mohandas Shenoy, M.B.B.S.
Paul Szabo, Ph.D.
Mary F. Wheeler, M.D.
Qiao-Wen Xie, Ph.D.

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Giovanni de Simone, M.D.
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Other
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Regunathan Soundararajan, Ph.D.
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Joseph P. Pierce, Ph.D.
Adena L. Svingos, Ph.D.

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Gianpiero D. Palermo, M.D.
John J. Rasweiler, Ph.D.
Premila Rathnam, Ph.D.

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Glenn C. Isaacson, M.D.
Lucinda L. Veeck, M.L.T., D.Sc. (Hon.)
Kangpu Xu, D.V.M., Ph.D.

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Ching-Hwa Sung, Ph.D.
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Dan Z. Reinstein, M.B.B.Ch.

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Marvin Reznikoff, Ph.D.
Roy Schafer, Ph.D.
Saul Scheidlinger, Ph.D.
Daniel N. Stern, M.D.

Associate Professorial Rank
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Scott S. Campbell, Ph.D.
Daniel Cohen, Ph.D.
Norcross D. Geary, Ph.D.
Danielle Greenberg, Ph.D.*
Tatsuyuki Kakuma, Ph.D.
Andrew C. Leon, Ph.D.*
Mark Lezenweger, Ph.D.
Alan A. McLean, M.D.
Kevin L. Moreland, Ph.D.
Randall B. Murphy, Ph.D.
Doris B. Nagel, M.D.
Deborah A. Perlick, Ph.D.

Assistant Professorial Rank
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Zofia E. Dziewanowska, M.D.
Thomas Houpt, Ph.D.
Carol Z. Magai, Ph.D.
John C. Mahler Jr., M.D.
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Steven D. Roth, M.D.
Emily Stern, M.D.
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Instructor Rank
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Peter Kalina, M.D.
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CUMC faculty whose appointments are in the Medical College and not in a department
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C. Everett Koop, Sc.D., M.D.
Visiting Scholar
Robert Michels, M.D.
University Professor
Fred Plum, M.D.
University Professor

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Takashi Mikawa, Ph.D.*
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Michiko Okamoto, Ph.D.
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Steven S. Gross, Ph.D., M.P.H.*
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In 1997 and 1998, the Medical Center paid final tribute to several individuals whose wisdom and compassion were valued by colleagues, students, and the patients who were in their care.

John T. Ellis, M.D., The David D. Thompson Professor Emeritus of Pathology and Retired Chairman of Pathology and Pathologist-in-Chief at New York-Cornell, who had a particular interest in chronic myeloproliferative disorders and who, during his tenure, centralized the clinical laboratories, established a new resident training program in pathology, and played a key role in the development of the new CUMC curriculum;

Francis J. Hamilton Sr., M.D., Clinical Professor of Psychiatry, who spent more than 25 years with New York Hospital as Chief of the Outpatient Clinic at Payne Whitney and then as Medical Director of the Westchester Division;

Graham G. Hawks, M.D., Professor Emeritus of Clinical Obstetrics and Gynecology and former Director of Obstetrics at New York-Cornell from 1973 to 1979;

Elmer Kramer, M.D., Professor Emeritus of Obstetrics and Gynecology, Professor Emeritus of Clinical Pathology, and former Associate Director and Director of Quality Assurance and Utilization Review at The New York Hospital;

Eleanor Lambertsen, Ed.D., Professor Emeritus of Nursing, former Dean of the Cornell University-New York Hospital School of Nursing, and retired head of nursing at The New York Hospital, who originated the team-nursing concept that became the standard for hospital nursing care throughout the United States;

Philip D. Marsden, M.D., a specialist in tropical medicine and world expert on parasites, who was an Adjunct Professor of Medicine at CUMC, teaching two decades of Cornell second-year medical students;

Thomas H. Meikle Jr., M.D., former Dean of Cornell University Medical College, who, beginning in 1961, served the Medical College for 26 years in a variety of administrative posts;

Ade T. Milhorat, M.D., a founder of the Muscular Dystrophy Association and pioneer in neuromuscular disease research, who joined the faculty of Cornell University Medical College in 1932, becoming Professor Emeritus of Clinical Medicine in 1964;

Janet Travell Powell, M.D., a heart specialist, who went on to specialize in treating muscle pain and general pain management, becoming widely known in 1961 as the personal physician to President John F. Kennedy;

George Schaefer, M.D., Professor Emeritus of Clinical Obstetrics and Gynecology, and an expert in tuberculosis in women, who published guidelines for the management of pregnant and gynecological patients with tuberculosis before and after antituberculosis drugs became available;

Selma Silagi, M.D., Professor Emeritus of Genetics in Obstetrics and Gynecology, who was best known for her pioneering research in cancer;

James M. Wall, M.D., Professor Emeritus of Clinical Psychiatry and Emeritus Medical Director of the Westchester Division, which he served from 1946 until his retirement in 1965; and

Irving S. Wright, M.D., a renowned leader in the field of cardiovascular disease and coagulation problems, and in the biomedical aspects of aging, who founded The American Federation of Aging Research, and was honored by CUMC with the creation of the first endowed professorship in geriatrics in the country, and by The New York Hospital with the establishment of the Irving Sherwood Wright Center on Aging in 1996.

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Gifts, bequests, and trusts are important sources of support for New York-Cornell. Such gifts provide funding for a wide range of programs, including those that provide patient care, educate future physicians and scientists, and expand community outreach. Additionally, these gifts make possible pioneering biomedical research which results in new and improved cures and treatments for disease, helping people today as well as in future generations.

Gifts can be made by cash, securities, or other property and can take many forms — outright gift, pledge, bequest, or various life income arrangements (trusts, pooled income funds, or gift annuities). Contributors can designate their gifts to be used for specific purposes or they can make unrestricted gifts which will give New York-Cornell greater flexibility in planning and administering programs in patient care, education, and research. Many options exist for naming opportunities and public recognition of gifts.

The New York and Presbyterian Hospital, and Cornell University, of which the Medical College is a part, are qualified not-for-profit institutions which receive major support from private gifts. Gifts to the Hospital, Medical College, and Medical Center by individuals, foundations, or corporations are exempt from income, gift, and inheritance taxes to the extent and in the manner provided by federal and state laws.

Providing support to New York-Cornell in your estate plans makes a moving statement about your care and concern for the health and well-being of future generations. Following is sample bequest language:

For unrestricted gifts to benefit The New York and Presbyterian Hospital, suggested language is: "I give, devise, and bequeath to The New York and Presbyterian Hospital, a corporation created under the New York State Not-for-Profit Corporation Law and located in New York City, New York, the sum of $_____ (or description of the property) to be used for the general corporate purposes of The New York and Presbyterian Hospital as its Board of Trustees should determine."

If a bequest is made to the Medical College, the language may be: "I give and bequeath to Cornell University the sum of $_____ (or description of property) for use in connection with its Medical College in New York City."

If a bequest is made to the Medical Center (New York-Cornell), the language may be: "I give and bequeath to The New York Hospital-Cornell Medical Center Fund, Inc., the sum of $_____ (or description of property)."

We are pleased to provide information about our numerous programs and activities, and to consult with donors and their advisors about various gift ideas. For further information about making a gift to the Hospital, College, or Medical Center, please contact:

Director of Development
The New York Hospital-Cornell Medical Center
525 East 68th Street, Box 123
New York, NY 10021
212-821-0500

IMPORTANT TELEPHONE NUMBERS

The New York Hospital-Cornell Medical Center	
General Information	(212) 746-5454
Patient Condition Information	(212) 746-5000
Cornell University Medical College	
Information	(212) 746-5454
Payne Whitney Clinic, Psychiatric	
Information, Inpatient	(212) 434-5500
Information, Outpatient	(212) 821-0700
Westchester Division, Psychiatric	(914) 682-9100
Adult Emergency Center	(212) 746-5050
Pediatric Emergency Center	(212) 746-3300
Ambulance Service-Dispatcher	(212) 472-2222
Physician Referral Service	(800) 822-2NYH
Affiliations Referral Service	(800) 822-4NYH
Admitting	(212) 746-4250
Patient Services	(212) 746-4293
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This is our final publication as "The New York Hospital-Cornell Medical Center." With the completion of the merger of The New York Hospital and The Presbyterian Hospital on December 31, 1997, we now go forth as New York Presbyterian Hospital. In honor of the pivotal gift of Mr. and Mrs. Sanford I. Weill on April 30, 1998, Cornell University Medical College has also been renamed the Joan and Sanford I. Weill Medical College and Graduate School of Medical Sciences of Cornell University.

The New York Hospital –
Cornell Medical Center

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New York, New York 10021